## **CLAIMS**

1. An isolated and purified human nuclear protein comprising the amino acid sequence of SEQ ID NO: 1.

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- 2. A polynucleotide encoding the protein of claim 1, which comprises the nucleotide sequence of SEQ ID NO: 2.
- 3. The polynucleotide of claim 2, consisting of the nucleotide sequence of SEQ ID NO: 2.
- 4. A human genomic DNA fragment with which a polynucleotide of SEQ ID NO:3 or a partial contiguous sequence thereof hybridizes under stringent conditions.
- 5. An expression vector expressing the polynucleotide of claim 2 or 3 in *in vitro* translation or in host cells.

Supporting 20

- 6. A transformed cell producing the human nuclear protein of claim 1, which is transformants with the expression vector of claim 5.
- 7. An antibody against the human nuclear protein of claim 1.

ADD /